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450100-02293AMENDMENTS TO THE CLAIMS

Claim 1. (previously presented) An information processing apparatus comprising:

a motion detector for detecting motion vectors for a plurality of predetermined blocks within each frame of an image signal to be displayed by a display device;

a generator for generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and

a driving device for driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 2-7. (canceled)

Claim 8. (original) An information processing apparatus according to claim 1, wherein said motion control signal contains a plurality of components.

Claim 9. (canceled)

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Claim 10. (previously presented) An information processing method comprising the steps of:

detecting motion vectors for a plurality of predetermined blocks within each frame of an image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and

driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 11-14. (canceled)

Claim 15. (original) An information processing apparatus according to claim 10, wherein said motion control signal contains a plurality of components.

Claim 16. (canceled)

Claim 17. (previously presented) A storage medium storing a computer-controllable program, said program comprising the steps of:

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detecting motion vectors for a plurality of predetermined blocks within each frame of an image signal to be displayed by a display device;

generating a motion control signal corresponding to each frame of said image signal by calculating said motion vectors; the motion control signal being generated to represent both actual stimulus and simulated stimulus to an object; the simulated stimulus including at least components corresponding to centrifugal force, inertial force, and yaw; and

driving the object in accordance with said motion control signal, whereby the movement of the driven object is controlled by the motion control signal in a manner imparting both actual and simulated stimulus to the object.

Claims 18-21. (canceled)

Claim 22. (original) An information processing apparatus according to claim 17, wherein said motion control signal contains a plurality of components.

Claims 23-25. (canceled)